

# WatchMate® System

MONITOR ARMED  
MON#01 ID#0110 11:36

Every day around this time, Tom opens the front door. WatchMate's keypad will have to let him enter his PIN.

DISABLED TEMPORARILY  
FOR 00:17 ? FOR HELP

After Tom is taking her mother out for a walk, she comes back. She wants to see if she can get into the house without a PIN.

MONITOR ARMED  
MON#01 ID#0110 11:36

And Mary is with her again. It's reassuring to know WatchMate can handle more than one person at a time.

NIGHT SOUND L--- H  
↑↓=MENU \*EDIT

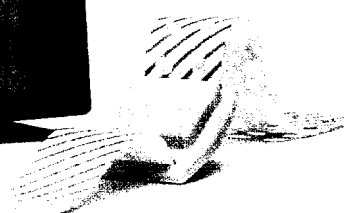
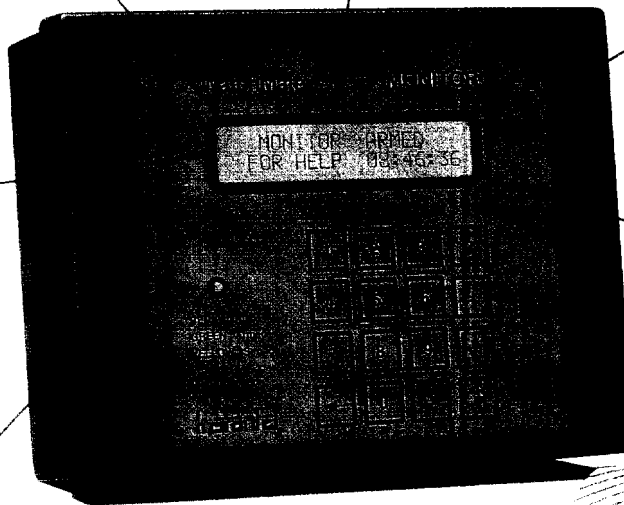
With 12 hours of tested reliability, WatchMate's Night Sound feature will keep you safe from any intruders.

MONITOR ARMED  
? FOR HELP 23:00:24

WatchMate has just put the system in night mode and locked the back doors. With no false alarms like the old system we throw out, it should be another quiet night. That is unless Bill decides to go for a midnight stroll.

MONITOR ARMED  
? FOR HELP 07:00:15

Another day, another WatchMate. The system is still working. The system is still working. The system is still working.



## The Standard In Wander Protection

Certified to the ISO 9001 Standard

**Instantel**

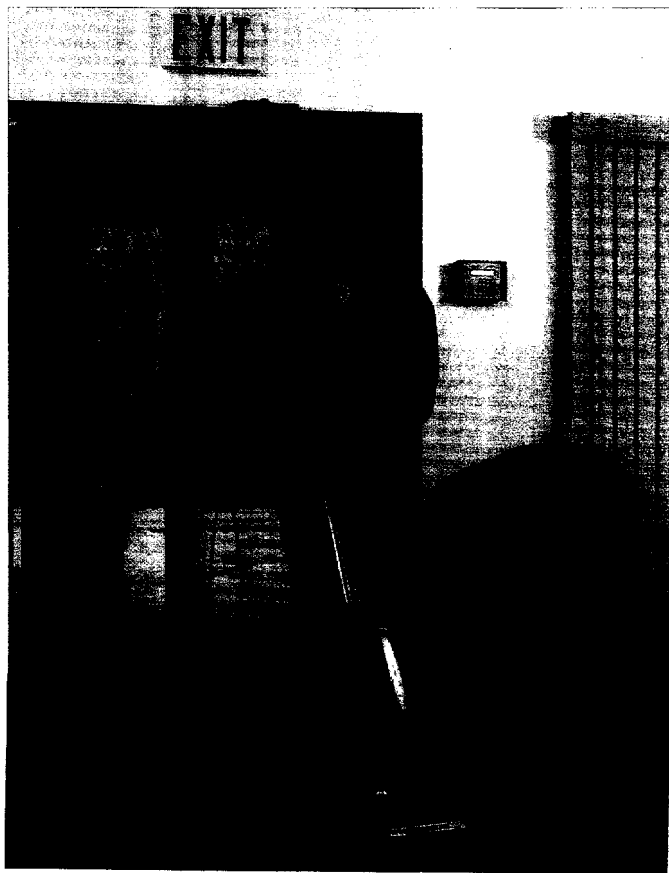
## Easy to Use System

WatchMate is an intuitive common sense system. Its design uses the advanced control and flexibility of microprocessor technology to provide comprehensive easy to use protection.

The basic system consists of the WatchMate Transmitter and a Monitor. Each resident requiring protection wears a transmitter. The transmitter regularly emits a unique identification code. The WatchMate Monitor looks for these codes in a specifically designated protected area, such as an exit. When a resident enters the protected area, WatchMate can either lock the exit using an optionally available magnetic door lock or it can sound an alarm and immediately display the resident's identification code on the Monitor's display.

## Accurate Detection and Interference Free Operation

WatchMate's award winning FM technology offers accurate detection and interference free operation. Where motorized wheelchairs, lightning, video terminals, and vacuum cleaners can cause false alarms on other systems, they have no effect on WatchMate. Your staff will not waste their valuable time responding to these frustrating false alarms.



*WatchMate is not affected by electrical disturbances which can adversely affect other wanderer systems.*

## A Cost Effective System

WatchMate frees staff from the constant monitoring that wandering residents require and helps to safeguard your wanderers while providing unrestricted movement to staff and other residents. The system is unobtrusive and mounts out of harm's way from wheelchairs and carts. There are no cables or antennas around the door. It is the least costly system to install. WatchMate is easy to use, requires minimal training, and is virtually maintenance free. It offers adjustable coverage for single, double or triple doors without requiring additional expensive hardware or facility modifications. If you need magnetic door locks, video cameras, external alarms, and other security devices, WatchMate can control these devices.



*The Instantel WatchMate System allows staff to efficiently monitor residents while performing other tasks.*

## Reliable Identification of All Wanderers

Only WatchMate identifies more than one resident leaving at the same time. WatchMate provides you with the crucial information you need when you need it most. Each resident is identified by his or her own personal identification code. When an alarm occurs, WatchMate tells your staff all the identification codes causing alarms and at which exits they occurred. Alarms must be individually acknowledged, ensuring no resident alarm is inadvertently missed.

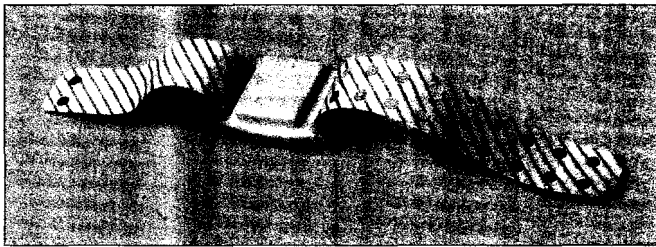


*Alarm and visual display immediately alerts staff and identifies which residents have wandered out of a designated area.*

## WatchMate Transmitters – Unequaled Performance and Dependability

The transmitter's unique design is both comfortable and practical. It straps easily to a resident's wrist or ankle, and is waterproof, so it can be worn during bathing. The transmitter is shock resistant and built to withstand the rigorous use of even the most active resident.

You can depend on the transmitter. A low battery indicator informs you automatically when a transmitter's battery approaches the end of its operation life by triggering a low battery alarm in the protected area. This allows a resident's protection to continue without interruption. All transmitters carry a three year full replacement warranty.



*The WatchMate transmitter provides safe and discreet protection*

## Adaptable – WatchMate Systems Can Be Designed For Any Facility

WatchMate systems can be designed to provide the required configuration for any facility, regardless of size. WatchMate can protect all areas including exits, hallways, elevators, stairways, and outdoor patios. Triple door exits can be protected as easily as single door exits.

## Expandable – WatchMate Grows As Your Facility Grows

The WatchMate system is modular so that as your facility expands or your protection requirements increase, additional protected areas and features can be added to your present WatchMate system quickly and easily.

## Upgradable – Your System Will Always be Effective

The WatchMate system uses advanced microprocessor technology similar to personal computers. The WatchMate system software is programmable and can be upgraded on site. You can incorporate new features as they become available, so your system will never be obsolete.

## Simple Operation – Advanced Control

Designed for ease of use, the WatchMate system offers powerful control.

- **Central Monitoring**

The WatchMate Controller provides you with central control over several protected areas. Its display indicates single or multiple resident identification codes, resident's name, alarm, and alarm location. If required, the controller can also clear alarms. Annunciators and controllers can be added for additional monitoring stations in other areas including hallways and security stations.

- **Automatic Control**

The WatchMate system becomes completely automatic by adding optional approved magnetic door locks. While a wanderer is near a door, the magnetic door lock engages and prevents the wanderer from opening the door and leaving the protected area. WatchMate can be used with any NFPA approved magnetic door locks or delayed egress magnetic door locks.

WatchMate can be configured to hold elevator doors open and sound an alarm should a wanderer attempt to enter the elevator car and exit the floor. It can also hold automatic doors closed, preventing a wanderer from leaving. All controls are disengaged by your fire or other emergency alarms.

- **Access Control Security System**

WatchMate offers facility access control using the optional magnetic door locks and the automatic timer setting in each monitor. By setting the timer in the monitor at each door, you restrict access automatically. WatchMate not only protects your wanderers: it protects you, your staff, and your facility.

- **Multiple Escort Codes**

Staff can escort up to ten wanderers at a time through a protected area by entering their identification codes into the monitor. The wanderers pass through the protected area without causing an alarm. Other wanderers, attempting to leave at the same time, trigger an alarm and alert staff. In addition, a separate code bypasses a protected area for a preset amount of time allowing staff to escort any number of wanderers including those requiring special assistance.

- **Maintenance and Service Features**

All minor adjustments to the system including maintenance, service, and testing can be made through the keypad using special passwords. If your requirements change, adjustments can be made simply and at minimal expense.

- **Different Alarms for Each Protected Area**

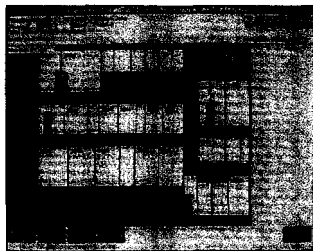
Each WatchMate monitor can be programmed with its own unique alarm sound, so when an alarm is heard, staff know where to respond. This also distinguishes between wanderer alarms and other alarms within the facility.

## Accessories to Meet Every Need

WatchMate offers a range of accessories to solve the needs of any facility including controllers, annunciators, magnetic door locks, escort keys, high output alarms, printers, and other devices. Instantel's authorized dealers also have fully featured demonstration kits available to show you and your staff the capabilities of the WatchMate System.

## Our Most Popular Accessories:

- **Windows Software Control Program for Extended System Management**



The WatchMate software control program enhances the system by providing additional security features and full reporting capabilities. The program combines the ease of use of Microsoft Windows™ with advanced features including on-screen floor plans, alarm

location, and multiple resident identification codes. At the press of a key, an integrated database information system provides you with a resident's name, description, medical and wandering histories. You can change the database to include the specific information you require.

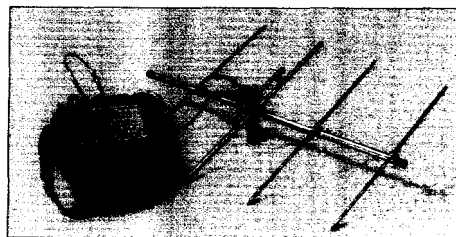
- **Paging Systems**

An optional AlphaPager system pages staff engaged in other duties anywhere in the facility. The resident's identification code and the location of the alarm appear on the pocket pager's display. For smaller sites, an AlertPager® system sounds a tone, indicating an alarm has occurred.



- **Remote Identification and Location**

Only the WatchMate system offers remote identification and location using the WatchMate Locator. One or more residents can be located indoors or out.



## North American Wide Dealer Network – Support is Always Nearby

WatchMate products are sold and installed throughout North America by Instantel's authorized dealer network. With dealers located nearby and support available directly from Instantel, there will always be help for you and your staff.

## No Nonsense Warranty – It's That Simple!

All WatchMate products come with a one year no nonsense 100% manufacturer's warranty. The Instantel PC software control program comes with free upgrades for one year after purchase. Transmitters carry a three year full replacement warranty.

## Quality and Value – Instantel's Commitment to You

At Instantel, we believe in providing our customers with the highest quality products and services. We also believe the sole measure of quality is a satisfied customer. If you ever have questions about our systems, contact our WatchMate Sales Manager directly at 1-800-267-9111.

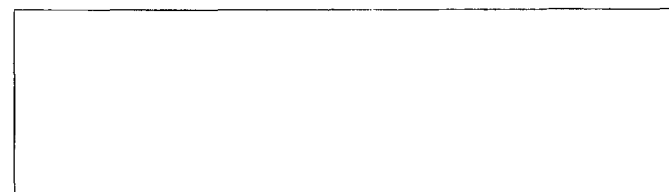
## For Further Information...

For further information and the name of a dealer near you, contact Instantel and ask for WatchMate Sales.

826 Proctor Avenue  
P.O. Box 116  
Ogdensburg, NY 13669

309 Legget Drive  
Kanata, Ontario  
Canada, K2K 3A3

Toll Free: 1-800-267-9111  
Telephone: 1-613-592-4642  
Facsimile: 1-613-592-4296  
Website: <http://www.instantel.com>



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# WatchMate® LC

## Never worry about an open door again.

When your facility has residents who wander, an open door poses a potential risk. The uncertainty created when a resident has left a secure area can disrupt busy schedules, and can increase stress for caring professional staff.

Regain control with the WatchMate LC. This easy to use system restores the confidence of staff by allowing them to concentrate on caring – the thing they do best.

Simple and easy to install, the WatchMate LC can provide your monitoring requirements at a price that makes it comfortable for any facility, big or small and provides your residents the opportunity for freedom in a safe and secure environment.

Take the first step towards freedom. Get the WatchMate LC and close the door on wandering, permanently.



## Proven Performance

The overall system performance of the WatchMate LC is impressive. Because of the advanced technology, it offers very high levels of immunity to electrical noise caused by facility electrical equipment like motors, air conditioning compressors, vacuums or thunderstorms. The WatchMate LC uses the same basic technology that gives FM radio reception such a clear advantage over AM systems. Only the unique signal transmitted by a WatchMate LC transmitter can initiate an alarm.

The resulting lack of false alarms instills a high level of staff confidence in the system. It's a system you will use and depend upon for years to come. The system which has successfully been used in the protection of wandering residents, is also safeguarding newborn infants from the threat of potential abduction from hospitals.

## Flexible Secure Control

The WatchMate LC has a unique radio frequency escort key that can be used by staff to turn off an alarm or to escort a monitored individual through a door without sounding an alarm. Alternatively, an optional keypad may be installed at the door to control the system. Only the escort key or the right password can turn the system off. Either way, you get secure control over system operation without limiting operational flexibility.

## Comfortable, Durable Transmitters

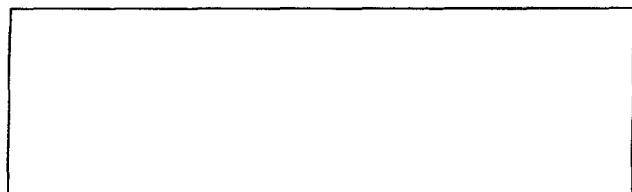
The transmitter's unique design is both comfortable and practical. It straps easily to a resident's wrist or ankle, and is waterproof, so it can be worn during bathing. The transmitter is shock resistant and built to withstand the rigorous use of even the most active resident.

You can depend on the transmitter. An early warning low battery indicator informs you automatically when a transmitter's battery approaches the end of its operational life by triggering a low battery alarm in the protected area. This allows a resident's protection to continue without interruption.

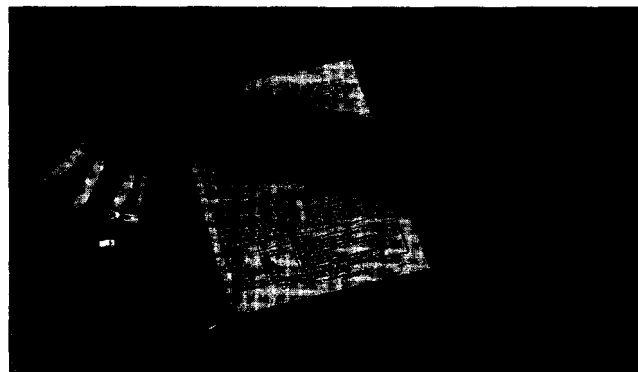
## Warranty

Instantel products come with a one year no nonsense 100% parts and labor factory warranty. Transmitters carry a three year full replacement warranty.

For further information and the dealer nearest you, contact:



# WatchMate LC



## Simple Installation, Full Features

The WatchMate LC sensor (pictured above) is a single unit that is easily mounted over single or multiple doors where it is unobtrusive and out of the way. No mats, no loops, and no facility modification is required. It will operate magnetic door locks and control elevator doors.

The system can be connected to a WatchMate Annunciator for alerting staff at a central location. An optional pager can easily be added for alarm reporting anywhere within the facility. If you are uncertain of your present requirements, be assured that any features can be added as easily in the future as they can today.

## About Instantel

Instantel has been developing practical products for over 15 years and has earned a reputation for common sense solutions in over 75 countries.

Instantel is the first and only manufacturer of wander prevention systems whose quality system has been independently audited and certified to international standards.

WatchMate LC products are sold, installed and supported by Instantel's dealer network. With dealers located nearby and support directly from Instantel, there will always be help for you and your staff.

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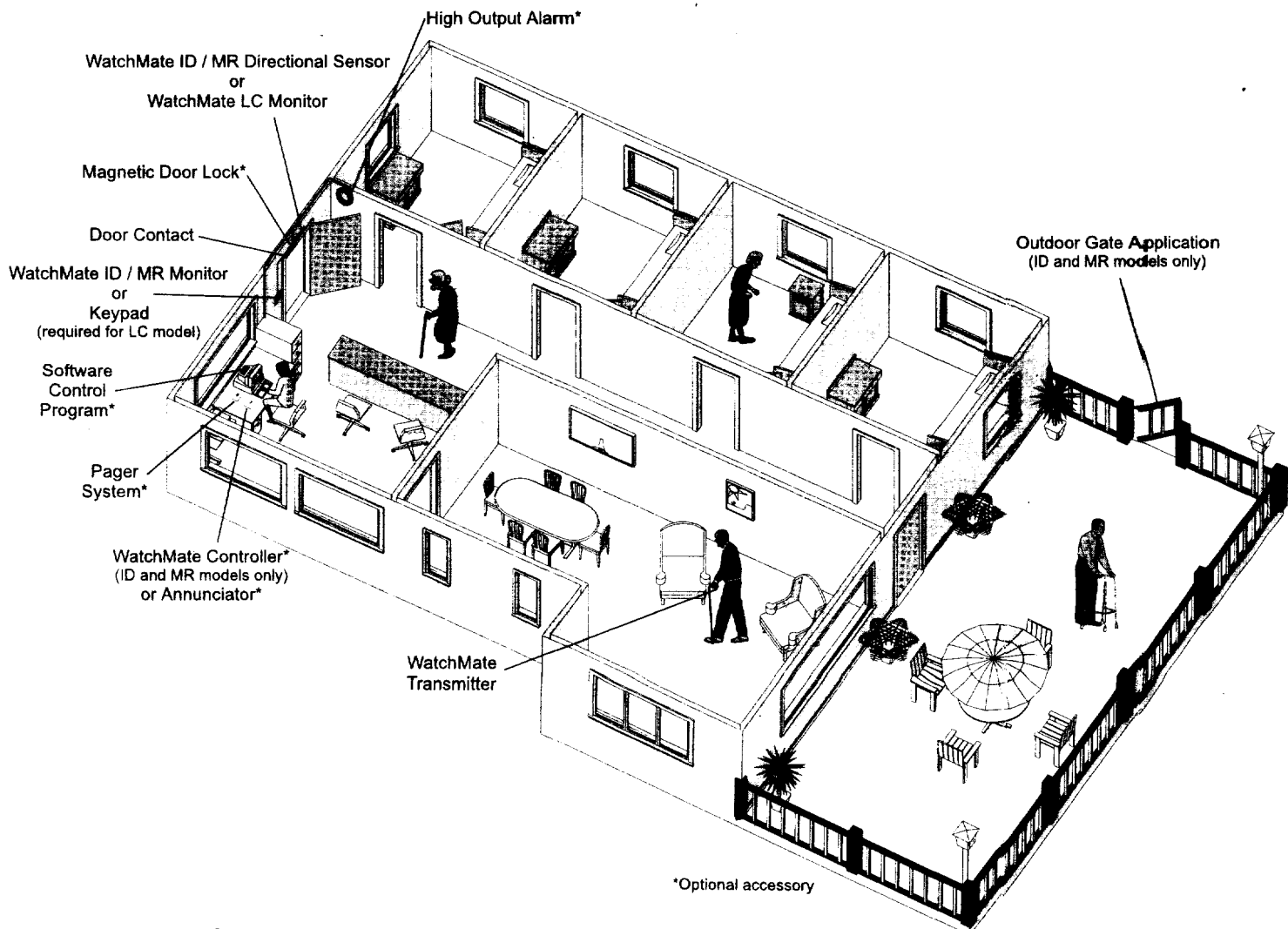
# Instantel<sup>®</sup>

Certified to the ISO 9001 Quality Standard

# WatchMate® Product Catalog

## Resident Wander Protection Systems

Thousands of Nursing Homes, Hospitals, Long Term Care, and Assisted Living Facilities use the Instantel® WatchMate Systems to protect their residents who have a tendency to wander. All facilities, regardless of size or number of monitored individuals, can benefit from WatchMate's modular design which offers a full range to meet any facility's requirements and budget. Maybe you are looking for a basic WatchMate LC system at one exit to alert staff of a possible egress or a more intelligent WatchMate ID or WatchMate MR system at a busy exit that can provide multiple resident ID numbers at the exit or nursing station. WatchMate can provide the combination that is right for you. Motorized wheelchairs, lightning storms, and vacuum cleaners may cause false alarms on other systems, but WatchMate's unique high-frequency FM design eliminates the potential for these false alarms. WatchMate's ease of use, reliability, and product value ensures customer satisfaction. Instantel's quality system is certified to the ISO 9001 quality standard.



**Instantel®**

**On the Practical Edge of Technology**

# WatchMate Systems

## WatchMate ID DoorPack



Displays multiple alarms with individual ID numbers at the zone.

- includes a monitor, directional sensor, 12 VDC power supply, door contact, and instructions (one per protected area required)
- operates with WatchMate Transmitter (part number 804A0201) - up to 255 ID numbers available
- multiple ID numbers, names, and alarms available at a central location with the WatchMate Controller (part number 801A1701)
- supports magnetic door locks, WatchMate Controller or Annunciators, and other devices
- programmable automatic arming/disarming schedule
- user, maintenance, and service password protection
- adjustable capture range up to 20 ft. (6 m)
- bypass one or all monitored individuals
- built-in Transmitter low battery indicator
- part number 801A2401

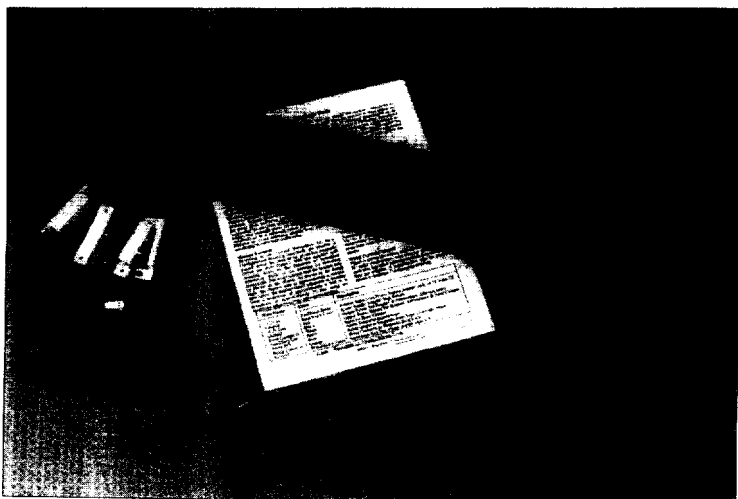
## WatchMate MR DoorPack



Displays multiple alarms at the zone.

- includes a monitor, directional sensor, 12 VDC power supply, door contact, and instructions (one per protected area required)
- operates with WatchMate Transmitter (part number 804A0201) - up to 255 ID numbers available
- multiple ID numbers, names, and alarms available at a central location with the WatchMate Controller (part number 801A1701)
- supports magnetic door locks, WatchMate Controller or Annunciators, and other devices
- programmable automatic arming/disarming schedule
- user, maintenance, and service password protection
- adjustable capture range up to 20 ft. (6 m)
- bypass one or all monitored individuals
- built-in Transmitter low battery indicator
- part number 801A7401

## WatchMate LC DoorPack

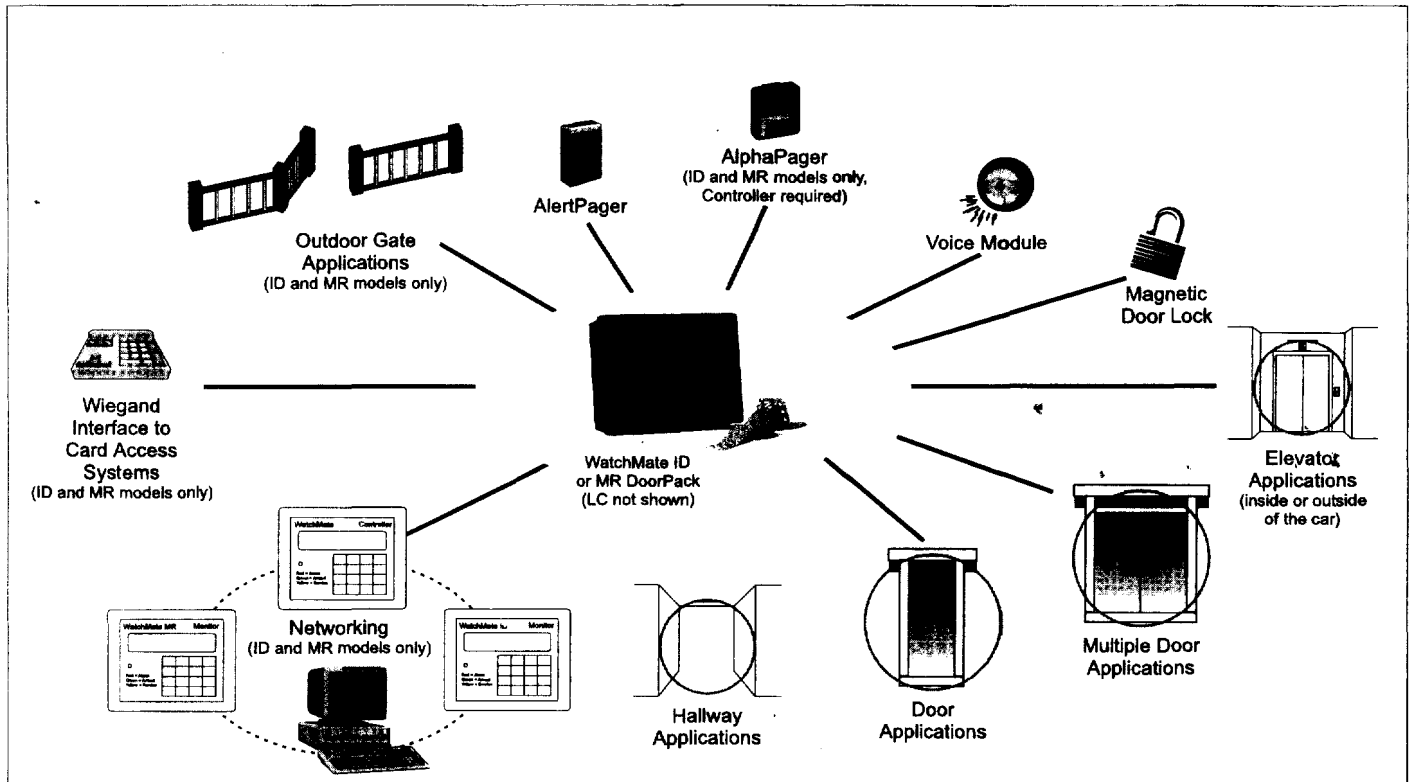


Non-ID system with alarms at the zone.

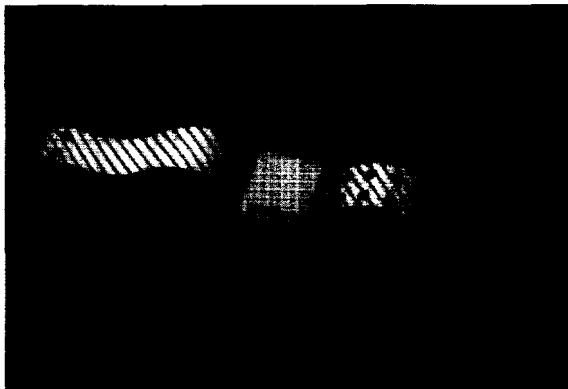
- includes an LC monitor, 12 VDC power supply, door contact, and instructions (one per protected area required)
- operates with WatchMate Transmitter (part number 804A0201)
- alarms available at a central location with the WatchMate Annunciator (part numbers 803A1001 - up to 4 protected areas or 803A1002 - up to 8 protected areas)
- adjustable volume, relay delay, and capture range up to 10 ft. (3 m)
- supports magnetic door locks, WatchMate Annunciators, and other devices
- requires one momentary device to clear alarms or bypass the zone (e.g. Corby 7020 keypad)
- built-in Transmitter low battery indicator
- part number 803A1401



# WatchMate System Versatility



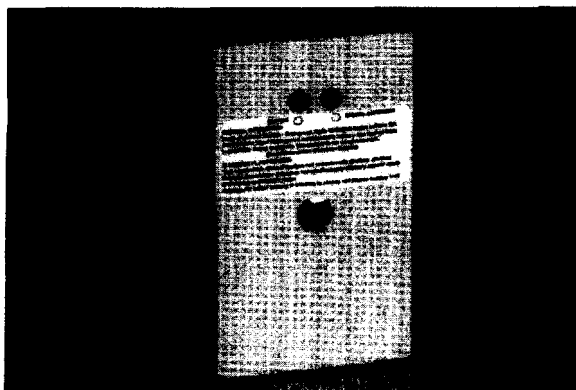
## Transmitter



The Transmitter's practical design combined with advanced FM technology offers outstanding performance and dependability.

- operates with all WatchMate DoorPacks
- easily attached to the wrist or ankle with a locking strap
- transmits low battery signal
- waterproof, can be worn during bathing
- unaffected by dirt, perspiration, body oils, or soap
- special coded FM transmission, unique ID
- up to 255 ID numbers available
- reusable, with three year battery life warranty
- replacement straps in packages of ten: wrist (part number 803A2901), ankle (part number 801A2701)
- one per monitored individual required
- part number 804A0201

## Transmitter Tester

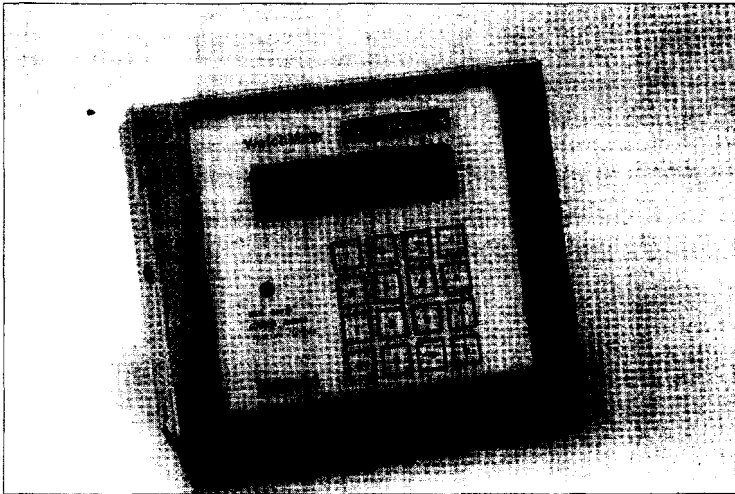


Verifies WatchMate Transmitter operation and battery status remotely, without disturbing residents.

- simple operation
- works up to 5 ft. (1.5 m) away from residents
- results appear in seconds
- transmitter battery life expectancy indicator
- replaceable 9 VDC battery
- convenient one-handed operation
- portable, weighs less than 1 lb. (450 g)
- part number 803A1901

# WatchMate Accessories

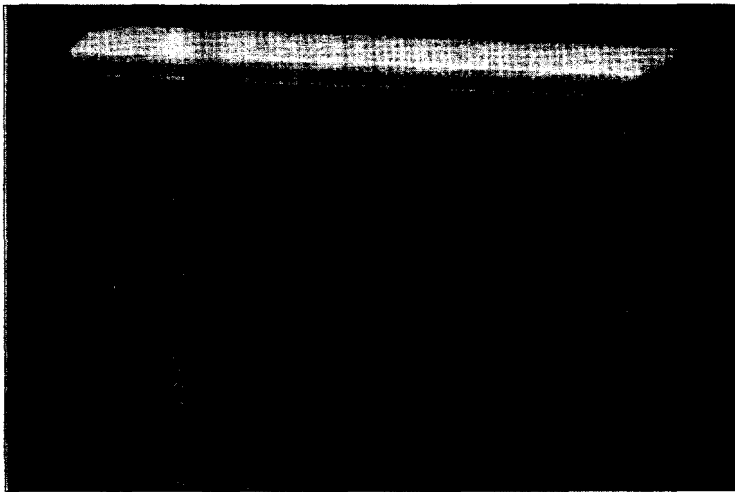
## WatchMate Controller



Central display of multiple alarms with ID numbers, names, and location from WatchMate ID and MR DoorPacks.

- supports up to 16 Monitors per network with multiple networks possible
- displays up to 30 resident names
- clears alarms from a central area
- each Controller can be programmed to report alarms for all Monitors or only for Monitors in a selected area
- relay output to control external devices
- self testing, reports Monitor and system operations
- supports PC, alphaPager, or printer (cables included)
- part number 801A1701

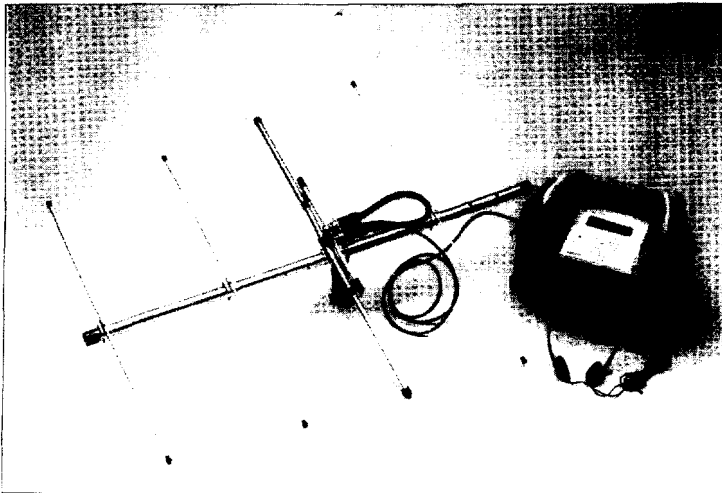
## WatchMate Annunciator



The Annunciator reports alarms from WatchMate ID, MR, and LC DoorPacks at a central location.

- LED display and audible sounder for up to 8 protected areas
- multiple annunciators possible
- includes a relay output to activate remote devices in the event of an alarm
- supports pagers, high output alarms, or other alarm devices
- part number 803A1002

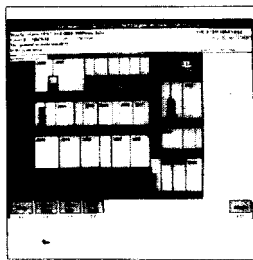
## WatchMate Locator



The WatchMate Locator offers electronic resident location anywhere, indoors or out.

- detects WatchMate Transmitters
- two search modes let you search for one or all Transmitters
- range up to 500 feet (150 m) outdoor
- displays one or more Transmitter ID numbers
- includes antenna, padded carrying case, headphones with in-line volume control, rechargeable battery and charger, and automobile lighter plug for additional power, if required
- portable, weighs less than 7.5 lb. (3.4 kg)
- part number 801A4401

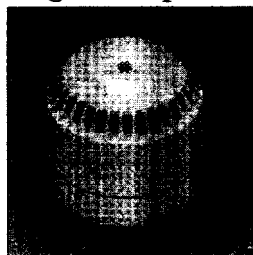
## WatchMate Software Control Program



Displays facility floor plans indicating alarm location, resident information, and all system activity.

- self testing, reports Monitor and Controller operations
- integrated resident database
- supports alphapager or printer
- operates with WatchMate ID and MR models
- requires WatchMate Controller
- part number 801A3601

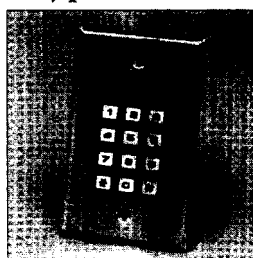
## High Output Alarm



Increases the range of the audible alarm signal.

- extremely high sound level, 110 dBA
- programmable pulse rate allows situation identification with either a fast, medium, slow, or continuous tone
- multiple units can be synchronized
- compatible with all DoorPacks and Annunciators
- part number 801A4101

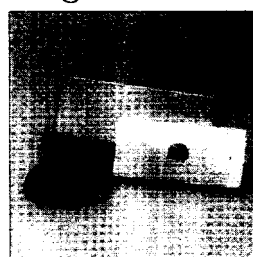
## Keypad



The keypad cancels alarms or temporarily disarms a protected area.

- permanently mounted near a protected area
- simple four digit entry code
- recommended Corby model 7020
- available from your local security product supplier

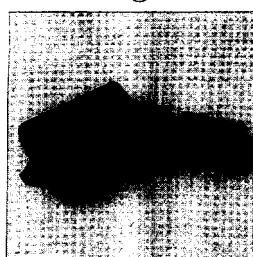
## Magnetic Door Lock



Locks doors automatically when wanderer approaches.

- increases resident's protection
- decreases need for staff intervention
- optional delayed egress lock, meets NFPA safety codes
- power supply and instructions included
- available from your local security product supplier

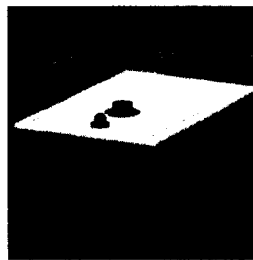
## AlertPager



An economical pager system to notify staff of an alarm.

- tone alert
- accepts multiple inputs
- recommended Seco-Larm
- available from your local security product supplier

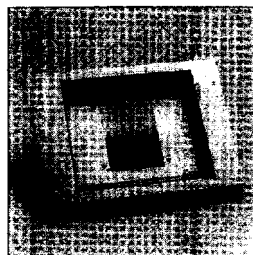
## WatchMate Escort Key



The Escort Key is a versatile and handy remote control.

- temporarily disarms a protected area to allow staff to escort residents through without triggering an alarm
- cancels alarms
- tests the system
- for use with all WatchMate DoorPacks
- convenient one-handed operation
- part number 803A0901

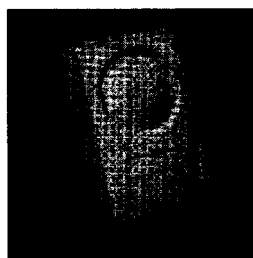
## Recessed Panel



Mounts a Monitor ID, MR, or Controller into an existing surface.

- unobtrusive mounting for busy workstations
- prevents accidental damage when mounted in high traffic areas
- color matches the Monitor and Controller
- part number 80101501

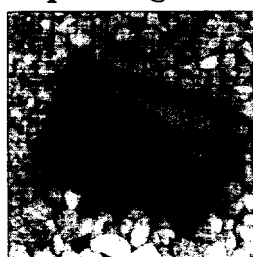
## Passive Infrared Detector



Motion detector for use with all WatchMate DoorPacks.

- replaces door contacts
- applications include hallway and revolving door installations
- available from your local security product supplier

## AlphaPager



A pocket pager system reports complete alarm information to staff on the move.

- alphanumeric display reports resident's name, ID number, and alarm location
- individual or group paging over long distances
- recommended Motorola People Finder or Visiplex
- available from your local security product supplier

## Battery Backup

Battery backup system to maintain power during power outages.

- 12 hour battery backup system with charging system
- one battery backup is installed inside each Monitor ID, MR, and Controller
- part number 801A1401

## Voice Module

Electronic record and playback of short pre-recorded messages.

- for use with all DoorPacks
- automatically repeats pre-recorded message until stopped
- recommended Visonic SP-3
- available from your local security product supplier

# Specification Highlights

Supply Volts	9 to 14 VDC	Temperature	32° to 122° F (0° to 50° C)
Current Draw	200 mA	Dimensions	5.4 x 6.9 x 2.3 in. (137 x 175 x 57 mm)
Magnetic Door Lock Relay	1 Form C dry contact, 2A, 30 VDC, 60 W max	Weight	monitor 1.6 lb. (726 g), controller 1.4 lb. (635 g)
Cable length	20 ft. (6.0 m)	Input	120 VAC, 60 Hz, 12 W
Dimensions	2.5 x 24.5 x 3.6 in. (63.5 x 622 x 91.4 mm)	Output	12 VDC, 500 mA
Weight	1.7 lb. (771 g)	Cable Length	9 ft. (2.7 m)
Supply / Current Draw	9 to 14 VDC / 150 mA	Cable Length	8.5 ft. (2.6 m)
Temperature	14° to 122° F (-10° to 50° C)	Dimensions	2.5 x 24.5 x 3.6 in. (63.5 x 622 x 91.4 mm)
Magnetic Door lock Relay	1 Form C dry contact, 2A, 30 VDC, 60 W max	Weight	2 lb. (900 g)
Frequency	217 MHz	Temperature	32° to 122° F (0° to 50° C)
Battery Life	3 years	Dimensions	1.9 x 1.5 x 0.6 in. (48 x 38 x 15 mm)
Range	up to 20 ft. (6m), up to 500 ft. (150 m) with Locator	Weight	1.1 oz (31 g)
Battery	one 9 VDC alkaline	Dimensions	5.5 x 3.25 x 1.5 in. (140 x 82.5 x 38 mm)
Battery Life	greater than 1,000 ten second tests	Weight	7.9 oz. (225 g)
Supply Volts	12 VDC from DoorPack	Temperature	32° to 122° F (0° to 50° C)
Current Draw	4 zone 130 mA max, 8 zone 170 mA max	Dimensions	4.0 x 5.3 x 1.5 in. (102 x 135 x 38 mm)
Relay Output	1 Form C dry contact, 2A, 30 VDC, 60 W max	Weight	7 oz. (200 g)
Battery	one 12 VDC rechargeable	Temperature	14° to 122° F (-10° to 50° C)
Operating Time	backlight on = 4 hours, off = 8 hours	Antenna	4 element Yagi
Battery Charge Time	16 hours	Dimensions	9.5 x 11.5 x 6.0 in. (241 x 292 x 152 mm)
Range	up to 500 ft. (150 m) outdoors	Weight	7.5 lb. (3.4 kg)
Battery Life	up to 5 years dependent on use	Supply Volts	6 to 18 VDC
Range	within protected area	Current Draw	5 to 75 mA
Dimensions	0.9 x 2.4 x 3.8 in. (23 x 61 x 97 mm)	Temperature	0° to 131° F (-18° to 55° C)
Weight	2.7 oz. (77 g)	Dimensions	2.3 x 1.6 x 0.75 in. (58 x 41 x 19 mm)
Input	120 VAC, 60 Hz, 12 W	Supply Volts	6 to 28 VDC
Output	12 VDC, 500 mA	Current Draw	7 to 27 mA
Cable Length	9 ft. (2.7 m)	Frequency	2.7 - 3.1 kHz
		Loudness	110 dBA at 1.0 ft. (0.3 m)
System Requirements - 100% IBM-compatible personal computer with a 386-25 MHz processor or higher, 4 Mb RAM, hard disk drive with at least 5 Mb of free disk space, 3.5" floppy disk drive, VGA display or higher, 2 Serial Ports, 1 Parallel Port, MS-DOS 5.0 or later, Microsoft® Windows® 3.1 or later, Microsoft Compatible Mouse			

## For More Information . . .

This catalog summarizes many of the WatchMate family's most popular features. For more information, including the dealer nearest you, contact Instantel. Information including product brochures, detailed specifications, and data sheets can be sent to you.

## How to Order . . .

Phone: 613-592-4642  
 Facsimile: 613-592-4296  
 Website: www.instantel.com  
 Address: Instantel Inc.  
 309 Legget Drive  
 Kanata, Ontario  
 Canada, K2K 3A3

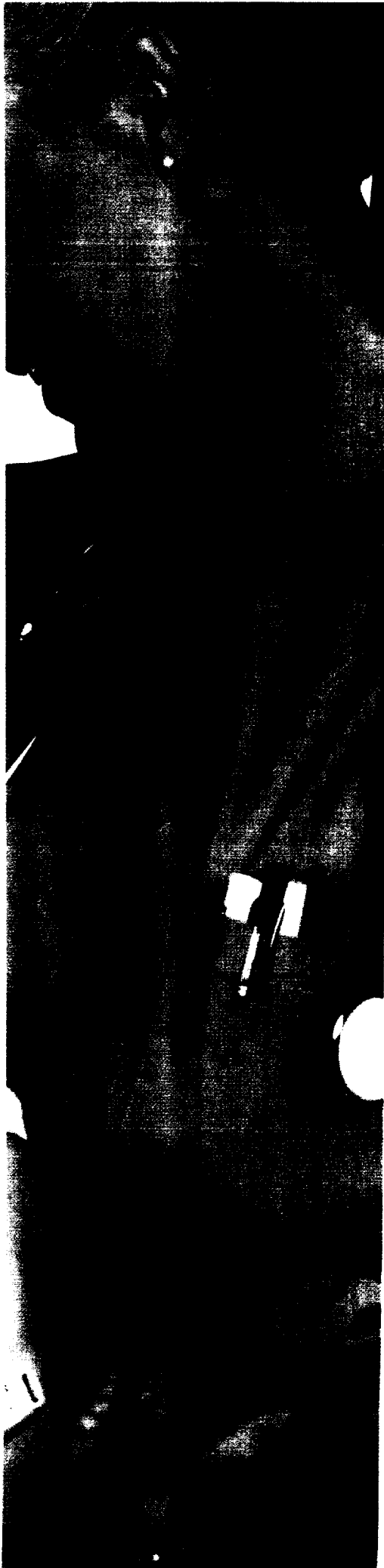
Toll free: 800-267-9111  
 e-mail: watchmate@instantel.com  
 Instantel Inc.  
 826 Proctor Avenue  
 Ogdensburg, New York  
 U.S.A., 13669

**Certified to the ISO 9001  
 Quality Standard**

**Instantel®**

As part of our continuing commitment to product excellence, Instantel reserves the right to change any specifications without notice.

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# Hugs

## You Can Never Give A Child Too Many Hugs

### THE "HUGS" INFANT PROTECTION SYSTEM FROM INSTANTEL

Infant protection systems must provide an effective deterrent against the abduction of infants. But to be effective the system must also be reliable, to give your staff the confidence to depend on it every day.

Hugs is unique among infant protection systems in that it minimizes the administrative burden needed to provide an effective abduction deterrent. It provides a number of important features such as auto-enrollment and automatic alarms that do not require staff involvement. Functions that do require staff involvement and password authorizations, such as the signing in and out of infants, are implemented in an easy to use fashion. The system can be configured to operate in a number of ways that will readily support a facility's existing security policy, rather than dictate it.

**Instantel®**

# Caring Begins With Security

## Security Begins With Hugs

is economical to install and easy to operate. The system uses tamper-proof infant tags with Hugs receivers that monitor the safe areas. Exit doors from the safe areas are equipped with sensors. A computer console displays a floor plan of the area with all exits marked.

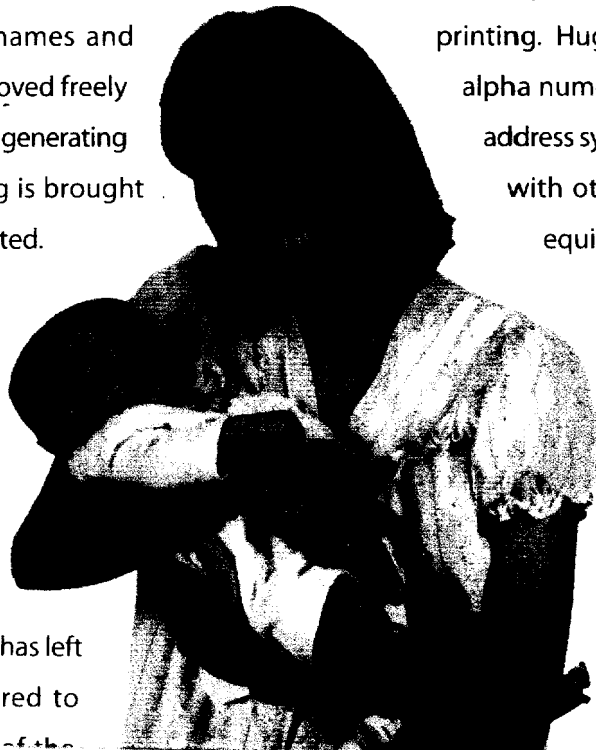


*Compact, Hugs tags weigh only one ounce and are ergonomically designed to fit the smallest of infants safely and securely. Tag shown in size.*

Each Hugs tag is automatically activated by securing the tamper-proof strap around an infant's ankle (or wrist). Staff is immediately alerted at the computer console of the newly activated tag, and can enter pertinent information such as names and

medical conditions. Infants may be moved freely throughout the protected area without generating an alarm. If an infant with a Hugs tag is brought through an open door an alarm is generated.

The display console will show the location of the infant and the door on a map of the facility. Additionally, doors may even be equipped with magnetic locks that are automatically activated. If an alarm has occurred and the infant has left the safe area, Hugs can be configured to



Password authorization is needed to move infants out of the protected area. These passwords can be unique to each staff member. If the infant is not re-admitted to the protected area within a predetermined time limit, an alarm will sound. Staff simply verifies the return of the infant to deactivate the alarm time-out. One password must be used for each infant authorized to leave, so piggy-backing is prevented. Hugs tags are individually supervised. Each tag periodically sends a status signal to the main console to confirm its presence and functionality. If a signal is not received within a designated period, an alarm will be generated. Hugs performs automatic self-checks on all components and advises staff of any problem.

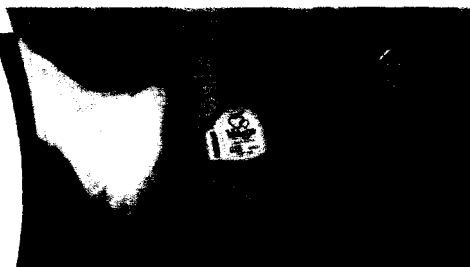
Response to alarms, tag enrolment and sign-out are all under password control. All system transactions are time and date stamped and logged to the database for archiving and/or printing. Hugs can activate other security systems such as alpha numeric pagers, and cameras or interface to public address systems and elevators. The system will not interfere with other electronic equipment, nor will any other equipment affect it.

If the protection of infants is important enough to consider an infant protection system, it's important enough to choose Hugs. For peace of mind, a little Hug goes a long way.



*The strap is easily "snugged up"  
to accomodate any weight loss.*

*Each tag has a unique code  
to ensure easy identification  
of every infant.*





## ABOUT INSTANTEL

Instantel has established a world wide reputation for providing its clients practical, reliable products based on proven technology. Instantel products are sold in over 75 countries. Instantel's health care customers have relied on Instantel's products for the protection of staff, residents and patients for years.

Instantel designs and manufactures all of its products, providing complete control over product quality. Instantel's quality system, which covers all of its activities from product design to manufacturing and servicing, has been independently audited to the International Standard ISO 9001. Instantel's quality system is tested annually to this rigorous standard.



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### Website

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E-mail [info@instantel.com](mailto:info@instantel.com)

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Perceptis, Hugs and the Hugs logo are trademarks of Instantel Inc. in North America.

## PRODUCT WARRANTY

Hugs comes with a one year no nonsense 100% parts and labor warranty. Third party commercial components such as personal computers and associated software, are supplied with their manufacturers' respective warranties.



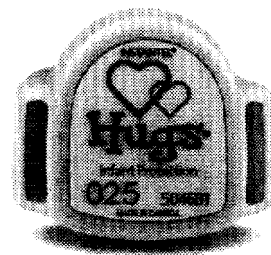
**Instantel®**



# System Overview



**Instantel®**



*The Hugs Tag – Actual Size*

**Instantel®'s Hugs System** is an advanced infant abduction protection system. Leading hospitals across North America have selected Hugs for its security, flexibility, and ease of use.

## Security

The Hugs Infant Abduction Protection System is designed to prevent infants from being removed from your facility without authorization.

Each infant wears a small Tag around the ankle that contains a tiny radio transmitter. Once activated, the Tag sends a regular message called a Heartbeat™ to indicate that it is functioning properly. These messages are relayed to a control computer, so that Tags are supervised at all times.

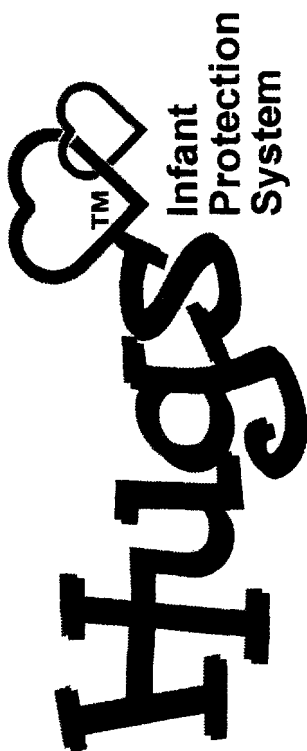
Each facility has a designated "safe area," usually the maternity ward. This is where infants are normally located, and they may be moved freely within this area. All exits from the safe area are monitored by Portal Exciters. As soon as a Tag comes near an exit, an alarm occurs showing the specific Tag and its exact location.

As long as the infant is wearing a Hugs Tag, he or she cannot be passed through a monitored exit undetected. And with the special tamper-proof strap, an alarm immediately occurs if anyone attempts to remove the Tag.

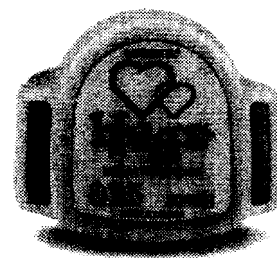
Of course, there are times when the infant has to be taken outside the safe area. Here too a number of safety features are in place. The system has a "sign out" procedure, initiated locally at a keypad or at the PC, whereby staff can remove specific infants. Sign outs can be strictly controlled through the use of passwords, and an alarm will occur if the infant is not returned within a preset time. What's more, the identity of the person authorizing the sign out can be recorded in the database of the PC. Similar precautions also apply to discharging infants.

The illustration on the following page shows the components of the Hugs System and how they work together to secure the safe area.

# System Overview



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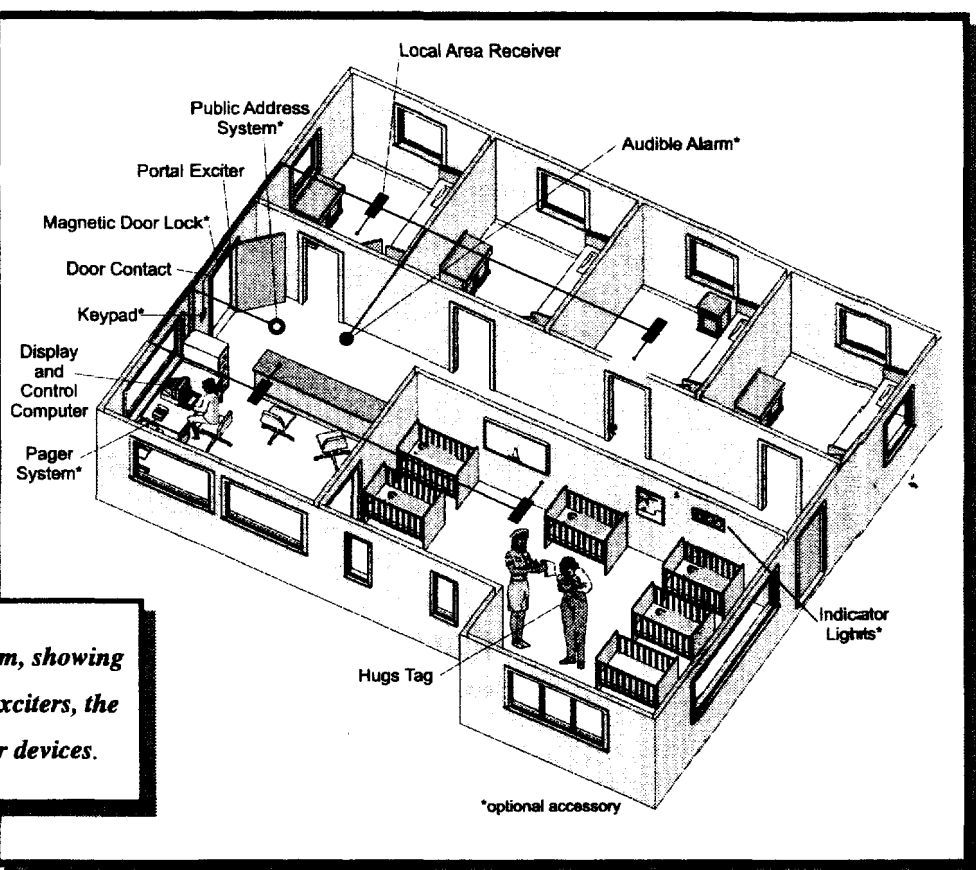
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The illustration on the following page shows the components of the Hugs System and how they work together to secure the safe area.



*The Hugs System, showing  
LARs, Portal Exciters, the  
Tag and other devices.*

## Flexibility

All of Hugs' security features have been carefully designed to minimize impact on baby, mother, and staff.

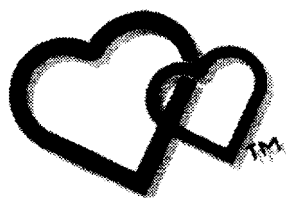
The Hugs Tag is lightweight and non-allergenic, with smooth rounded surfaces that won't irritate the baby's skin. And as long as the baby stays within the safe area, he or she can be moved freely.

For staff, using the Hugs System involves learning a few new simple procedures. Attaching the Tag quickly becomes second nature, while other procedures, such as moving the infant for tests or other purposes, involve no more than a click or two of the mouse or a phone call to Security. Keypads can also be installed at each exit to allow staff to sign out infants locally.

Most importantly, the system is highly configurable. Control of infant status can be restricted to only certain users at one PC, or it can be open to all authorized staff at several PCs strategically located throughout the facility. The software can be configured to require user response for almost any action, or it can be set to automate several tasks. Each facility has the freedom to tailor the system to meet its individual needs, yet the underlying security features remain in place protecting your infants.

# Key Features

---



Hugs provides the  
most advanced  
protection available.

## Full Supervision

The system continually monitors the activity and status of all active Tags. Each Tag emits a regular "Heartbeat" message to indicate that it is OK. If the system does not receive a Heartbeat message within a set time period then an alarm is generated. This allows a facility to provide one of the highest levels of security possible.

## High Degree of Confidence

Hugs was designed specifically to minimize false alarms. Portal Exciters, located at doorways, have an adjustable detection field that defines the "alarm zone" around that doorway. The size of the field can be adjusted according to the facility's needs. In addition, the system's design minimizes susceptibility to interference from other electronic and radio frequency equipment. This reduces the likelihood of false alarms caused by third party devices.

## Tamper Proof Tag and Strap

Conductive materials embedded in the strap provide tamper detection. If the strap is cut, an alarm occurs and continues even if an attempt is made to re-connect it.

## Unique Infant Identification

Hugs can be configured to show the name of each infant or child. For privacy reasons, infants can be collectively labeled as "infant" or "child." A facility could also choose to assign unique numerical codes. The system offers a large degree of user configurability, allowing organizations to choose whatever is best for them.

## Prevents Piggyback Exits

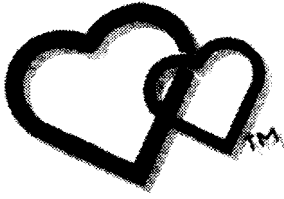
A "piggyback exit" is the attempt to remove two infants from the safe area when only one has been legitimately signed out or discharged. The Hugs System prevents piggyback exits. Each infant wearing a Hugs Tag must be signed out or discharged individually in order to leave the safe area without generating an alarm. Any attempt to remove a second infant will immediately cause an alarm to occur. A message will identify the infant who has been improperly removed, along with the time of the abduction attempt.

## Baby Friendly

The Hugs Tag is the smallest active reusable tag available, and weighs a mere 1/3 of an ounce. Its rounded edges ensure that it doesn't pinch or irritate the baby. The strap material contains no latex, is non-allergenic, and does not stretch. It is easily adjusted to account for normal weight loss. The unique shape of the Tag also helps prevent the Tag from being kicked off, while still allowing the ankle joint to move freely. The Tag has no moving parts that could break, pinch the infant, or make installation of the strap difficult. The Tag stands up to soiling, UV light, and cleaning. Both Tag and strap are completely waterproof, allowing infants to be bathed.

## Expandable

Hugs was designed to allow a hospital to implement the infant protection system it needs today, while having the ability to seamlessly expand in the future as needs grow.



## LAN Compatible

The Hugs System supports up to 12 PCs, connected over a Local Area Network. Nurses, security personnel and administrators can all access the system simultaneously. Different levels of password access ensure security while allowing staff members to perform their jobs efficiently.

## Time- and Date-Stamped Record of Activity

The system records and logs all activity data with time and date information. In a properly configured system, the entire history of an abduction attempt is recorded in detail. A report could be generated, for example, showing that an abductor left with baby Smith through the north wing door on August 15 at 5:05 p.m. This data may be invaluable evidence in the event of legal proceedings.

Authorized movements, like the transport of infants to other areas of the hospital, can also be time and date stamped. For example, administrators could determine that baby Jane left the maternity ward on September 10 at 9:00 a.m., under password authorization, and returned at 9:45 a.m. The system can even be configured to record the identity of the staff member who signed out the infant.

The amount of activity data that is stored is user configurable and largely dependent on the computer's hard drive storage space. Days, weeks, and months of activity can be stored. Data can be backed up to conventional mediums such as tape and disc. Hugs uses an industry standard database with sort and filtering capability. Data can be displayed on-screen and printed.

## Does Not Interfere with Other Hospital Equipment

The Hugs Tag is FCC/Industry Canada approved and does not interfere with the operation of other hospital or personal medical equipment.

## Microsoft Windows® Based

The Hugs System uses the Windows NT® operating system, creating a familiar environment for users. This platform also provides the system with exceptional flexibility, allowing it to be configured according to the specific needs of an organization.

## Online Real Time Support

Hugs comes with an system support hardware package based on LapLink®. This application allows Instantel technicians to access a facility's system from remote and see exactly what is happening. Instantel can interact directly with hospital staff, on their uniquely configured system, in real time. Instead of talking staff through a problem, they can actually be shown the solution. Instantel's access to a hospital's system is strictly controlled by the hospital and is possible only with the hospital's authorization. A modem and phone line are required for this application.

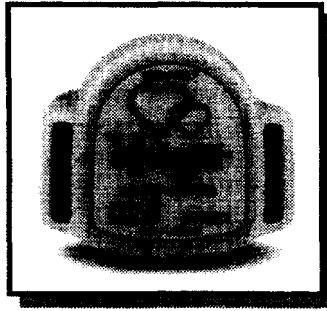
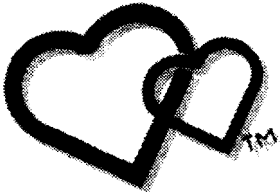
## Low-Battery Alarm Feature

Hugs monitors all active Tags for battery level. If the remaining battery level falls below a certain threshold, the system automatically generates an alarm to indicate that there is approximately three weeks of battery life remaining.

### *The system can be configured to generate alarms if:*

- The Tag's signal has not been detected by the system for a set time period.
- Someone tries to exit through a protected doorway with an infant without authorization.
- The strap is cut.
- An authorized exit has occurred but the infant has not returned to the maternity ward in a specified time period (user configurable).
- An authorized exit has occurred and someone tries to "piggyback" through the protected exit with another infant.
- The Tag has been improperly attached during the admittance procedure.
- The battery power in the Tag has become low.

# System Components



## The Hugs Tag

At the heart of the Hugs System is the Hugs Tag. This small radio transmitter combines state of the art microprocessor technology with an unobtrusive ergonomic design. The Tag incorporates a tamper mechanism that is enabled as soon as the Tag is attached to the infant with the tamper-proof strap. As it is attached, the Tag emits a signal and is automatically admitted into the system. From this time forward, the system constantly monitors the Tag. The strap can be adjusted to accommodate normal weight loss and is non-allergenic. Tags are reusable and have a warranted life of one year. They are waterproof, can be cleaned, and allow bathing of the infant.



## Local Area Receivers

Local Area Receivers (LARs) are radio frequency reception devices installed at regular intervals throughout the monitored area of the facility. LARs receive the Hugs Tag transmissions, time stamp them, and relay them to the Controller PC via a LonWorks® network. LARs are installed in ceilings, usually out of view.

The Controller PC monitors the operation of each LAR to ensure

a high level of operational confidence. If the LAR fails to operate for any reason, an alarm occurs.

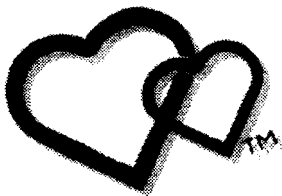
## Portal Exciters

Portal Exciters monitor the exits from the safe area (usually, the maternity ward). Installed above or beside the doorway, the Exciter emits a detection field that covers the opening. When a Tag enters the field, it immediately transmits a special message to the Controller PC via the LARs. In a typical installation (with door contacts connected to the Exciter), an alarm will only occur if the door is open, as the infant is then at immediate risk of being removed without authorization. Once an alarm does occur, a Portal Alarm message is automatically generated at all PCs.

Each Portal Exciter also includes two relays, which can be used to control a variety of devices including magnetic door locks or high output alarms. Optional keypads may be connected to enable staff to remove infants under local password control.

Portal Exciters may also be placed strategically throughout the hospital to allow the progress of an abduction attempt to be monitored.

Like all devices on the LonWorks network, Portal Exciters are continually monitored by the Controller PC, and warning messages are automatically displayed if there is a problem.



### **Controller PC Minimum Specifications**

- Pentium III 550 MHz CPU, 64 Mbytes RAM
- 4 gigabyte hard disk drive
- CD-ROM drive
- 2 Mbyte video card
- Sound card
- 56 kbps modem
- 1 free ISA slot (for LonWorks Interface Card)
- 1 free PCI slots (for network interface card)
- Windows NT 4.0 Workstation (Service Pack 4 or later)
- LapLink Professional remote modem access software

*Specifications are subject to change.  
Please contact Instantel for details.*

## **Controller PC**

The Windows NT-based Controller PC contains the software that controls the operation of the entire system. The software displays facility floor plans and relevant system data including the status of all Hugs Tags. Typically located at a Nurse Station and/or at a facility's Security Station, the computer monitors and controls all system operation. Additional computers can be connected at remote locations throughout a facility.

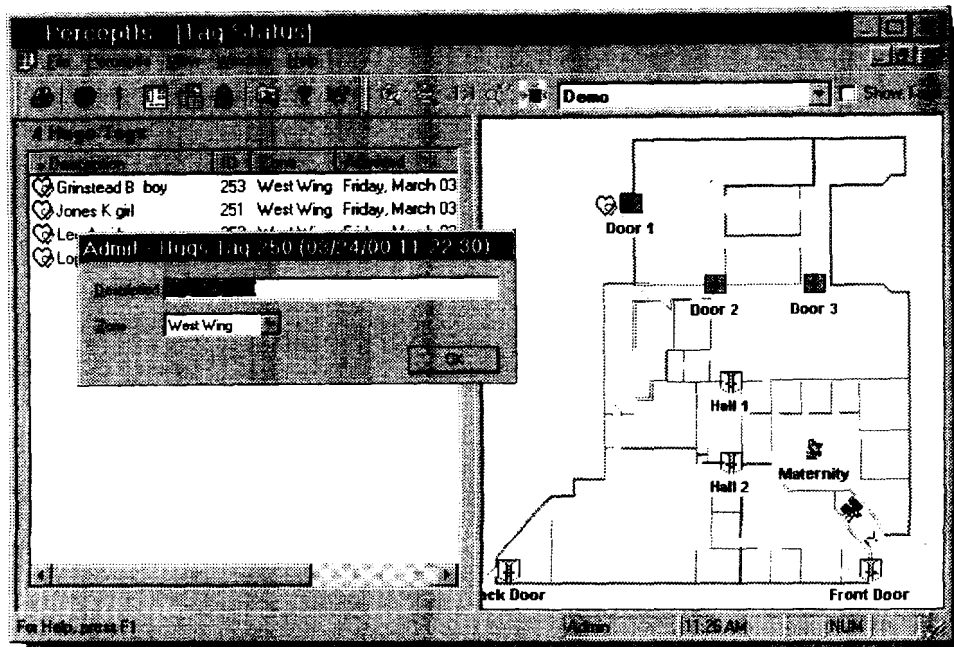
The software offers advanced control through an intuitive user interface. Designed for ease-of-use, the software presents only task-critical information to the operator. The degree and level of operator access can be regulated through password control. User profiles can be created and authority assigned according to each facility's requirements.

The software records all activity, including alarms, in a database. A variety of reports of system activity can be viewed on-screen and printed. Custom reports can be created by exporting the database for use with third-party software programs, including Microsoft Access.

## **The Network**

Each Local Area Receiver and Portal Exciter is connected to the Controller PC through a network, over which all system activity is communicated. The network employs the LonWorks protocol, an industry standard from Echelon® and Motorola®. LARs, Exciters and I/O Modules (optional LonWorks devices) receive power from a central 12/24 V power supply.

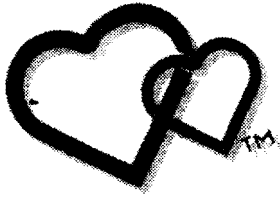
The wiring for the network uses 16 AWG twisted-pair cable.



**The Controller PC software features an intuitive graphical interface.**

# Using the System—Typical Procedures

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*Using the Hugs System on a day-to-day basis is simple. Here are a few basic procedures.*

## Admitting an Infant

When a newborn arrives, the nursing staff attach a Hugs Tag to the infant's ankle. A Hugs Training Kit is available to make this procedure second nature. The Tag immediately activates, and is admitted into the system. A message appears (optional) in the software, and the operator can enter the infant's name or other pertinent information. The infant is continually monitored from then on.

ters her password, selects the Tag to be signed out, and enters the duration. At a keypad, he or she punches in a code, and passes through the doorway. In either case, the system knows exactly which infant has been removed, and can be configured to record the staff member performing the sign out. This activity is logged in the database.

## Discharging an Infant

Discharging the infant so that he can travel home with his parents is just as simple. The nurse or other staff member selects the Tag in the Perceptis software, and chooses the Discharge command. As usual, this procedure is password controlled. The strap can then be cut and the Tag removed without generating an alarm.

## Signing Out an Infant

When infants need to be moved for tests or other legitimate purposes, they are "signed out" of the system. Sign outs can be initiated either at one of the PCs, or locally using optional keypads. At the computer, the staff member en-

# The Hugs System—Summary of Benefits

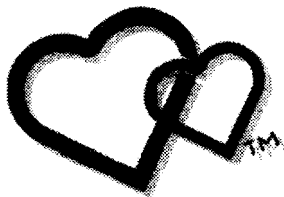
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These powerful features have made Hugs the world's fastest selling infant protection system.

- **Fully supervised**—the status of each infant and all components is continually monitored.
- **Tamper-proof Tag and strap**—any attempt to remove the Tag results in an alarm.
- **Security and flexibility**—freedom on the inside, with a wall of security on the outside.
- **Baby-friendly**—Hugs is the smallest active Tag on the market, just a third of an ounce. Its patented shape has smooth surfaces and no sharp protrusions.
- **Customizable**—Hugs can be configured to meet the needs of virtually any facility.
- **Compatible**—all components of the system are FCC and Industry Canada approved, and do not interfere with hospital or personal medical equipment.
- **Familiar**—the intuitive Windows NT-based Perceptis software makes learning the system straightforward, ensuring easy implementation.
- **Expandable**—the system is easily expanded to other parts of the facility, or to included personal duress and asset tracking functions.
- **Support**—Instantel offers real-time technical support and troubleshooting to all Hugs sites.



# Corporate Profile



Hugs is just one part of Instantel's Perceptis System that provides total facility-wide security solutions. A Hugs System can be seamlessly expanded to include these other Perceptis applications: MyCall™, an emergency response system for personnel; and FindIt™, an asset management and tracking system.

**Perceptis**

**Instantel®**  
[www.instantel.com](http://www.instantel.com)

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Ogdensburg, NY 13669-2203

**Telephone:** 613-592-4642  
or 800-267-9111

**Facsimile:** 613-592-4296

## About Instantel

Over the past eighteen years, Instantel has established a worldwide reputation for providing its customers with practical, reliable products based on proven technology. Today, Instantel's Hugs System is the infant protection system of choice, selected by leading hospitals across North America.

Instantel designs and manufactures all of its products. The entire Instantel manufacturing process is governed by the ISO 9001 international quality standard, covering all activities from manufacturing design to order entry and shipment. Instantel's quality system is certified annually by independent auditors.

Instantel products are installed and serviced through a network of independent dealers. For information on the dealer in your area, please contact Instantel.

*If the protection of infants is important enough  
to consider an infant protection system,  
it's important enough to choose Hugs.  
For peace of mind, a little Hug goes a long way.*

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# My

## Walk Alone!

Someone hits the alarm. Someone's in trouble and has hit the alarm. You know how to respond. The problem is - you don't know where. Until now.

MyCall accurately locates the source of the alarm giving you the ability to respond quickly to a duress incident. MyCall not only responds to the alarm and tells you where, it also tells you who.

Individuals carry the MyCall Communicator™ and can be uniquely identified uniquely or as part of a larger group. If desired, the locations of individuals or groups will not be displayed until they choose to summon help by pushing the button on the Communicator. The Communicator can be worn on a lanyard, in a pocket or a belt, or carried as part of an ID badge. In the case of emergencies, individuals remaining in the building can be automatically identified and located. An optional pull away clip can also be used.

**Perceptics**  
INSTANTEL LOCATING TECHNOLOGIES

# MyCall

...of personnel are logged to an industry standard for archiving, report generation and analysis, such as resource utilisation studies and safety analysis. In all cases the privacy of the individual is protected.

Location can be as precise as a room, a hallway or a doorway. The system is easily expanded to higher resolution should it be required.

The MyCall Communicator can be programmed to be in constant contact with the overall system, so that any attempt to make a transfer can result in an alarm. Additionally, a tag leaving the facility can result in an alarm condition and an entry into the database.

The Communicator's batteries can last for a year or more, depending on configuration and use, and will automatically send out a low battery warning in plenty of time to schedule a replacement. Moreover, batteries are field installable using commercially available batteries.

MyCall is a key component of Perceptis™, a facility wide asset and personnel security/management system from Instantel®.

Minimize the emotional and legal consequences of workplace violence and give your staff a new sense of job security.

## Product Warranty

Perceptis and MyCall all come with a one year no nonsense 100% parts and labor warranty with the sole exception of batteries. Third party commercial components such as personal computers and associated software, are supplied with their manufacturers' respective warranties.

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**Instantel Inc.**  
826 Proctor Avenue,  
Ogdensburg, NY 13669

Perceptis

MANAGEMENT

SECURITY

ASSET TRACKING

PERSONNEL MyCall

ENTER VISIT



## About Instantel

Instantel has established a world wide reputation for providing its clients practical, reliable products based on proven technology. Instantel products are sold in over 65 countries. Instantel's health care customers have relied on Instantel products for the protection and management of Alzheimer's patients for many years.

Instantel designs and manufactures all of its products, providing complete control over product quality. Instantel's quality system, which covers all of its activities from product design to order entry and shipment, has been independently audited to the International Standard ISO 9001. Instantel's quality system is tested annually to this rigorous standard.

# Instantel

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On The Practical Edge Of Technology

# Instantel Locate™

...people and mobile  
...real time,  
...any operational  
...al environment.



**Find It™**  
**Keep It™**  
**My Ball™**

- Emergency response to the exact location
- Immediate location of key personnel and equipment
- Reduce 'just-in-case' inventory
- Immediate correlation of porter and requested equipment locations
- Increased patient freedom of movement
- Outpatient tracking and billing
- Reports for verification of attendant care
- Reports for verification of equipment maintenance
- Immediate capital equipment verification for mobile assets



**Instantel®**  
On the Practical Edge of Technology

**Perceptis™**  
INSTANTEL LOCATING TECHNOLOGIES

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or 613-592-4642

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Website: [www.Instantel.com](http://www.Instantel.com)

**FindIt™**  
**KeepIt™**  
**MyCall™**

## FindIt: Asset Management

Assets equipped with a **FindIt** tag have unique identifying codes which enable you to locate any particular item in real time. Assets may be categorized into a common group. Asset movements are time stamped and logged in an industry standard database for archiving, printout or future analysis. The asset tag cannot be removed without generating an alarm. Other alarm conditions can be programmed such as location change, or motion detection.

## KeepIt: Asset Loss Prevention

**KeepIt** is a system featuring a small tag secured to equipment that emits a unique identification signal on a periodic basis. If the equipment approaches a monitored exit, even if it is hidden in a case, a signal is generated identifying both the piece of equipment and the exit. Depending on security requirements, the system can activate a video camera or door lock, sound an alarm, activate a paging system, or simply log the presence of the tag at that door. **KeepIt** is a fully supervised system; if the tag is removed from the item an alarm is immediately generated.

## MyCall: Emergency Response

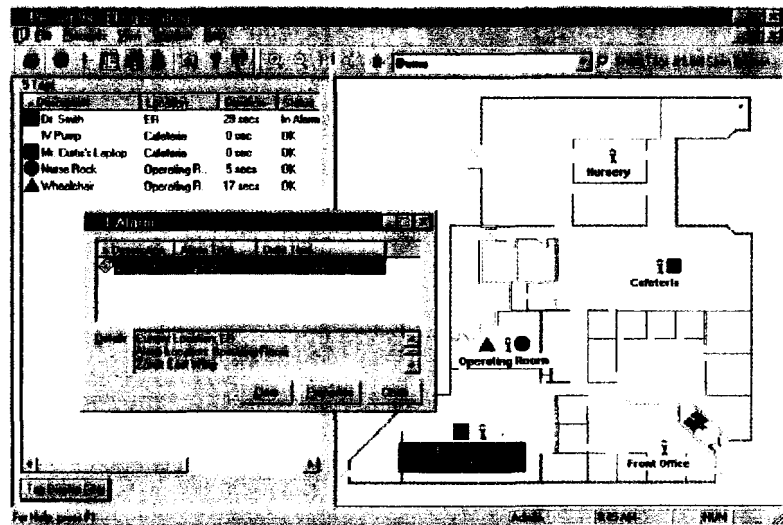
**MyCall** accurately locates the source of the alarm giving you the means to respond quickly to a duress incident. **MyCall** not only generates the alarm and tells you where, it also tells you who. Individuals carrying the **MyCall** Communicator can be either identified uniquely or as part of a group.

If desired, specific locations of individuals or a group will not be displayed until they summon help by pushing the button on the Communicator. During emergencies, individuals remaining in the building can be automatically identified and located.

**FindIt**, **KeepIt**, and **MyCall** offer tracking of personnel and assets using an industry standard database for archiving, report generation and other applications such as resource utilization studies and statistical analysis.

Location can be as precise as a room, a common area, or a hallway; the system is easily upgraded to provide finer resolution. The tag and all other equipment have been designed to not interfere with the operation of other electronic devices.

With **Perceptis™**, you decide the information required and the system collects it for you, automatically. Generate customized management reports based on actual system activity.



**Perceptis™**  
INSTANTEL LOCATING TECHNOLOGIES

**Instantel®**  
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Website: [www.Instantel.com](http://www.Instantel.com)

# Find

## Where's Keepers

Equipment budgets just got cut again. Do more with less was the message. There's no more money for equipment. If only you could find what you're supposed to have already. Most of it gets lost where it was last used, wherever that is, and some of it is just being hoarded. How can they expect you to manage this stuff when it is so easily moved and nobody else bothers to return it?

With the FindIt Asset Management system, management of highly mobile and uncontrolled assets has just become possible. Now you can find your assets on a computer screen rather than wasting valuable time searching the facility.

A small tag, each with its own unique ID, is attached to any asset that needs to be monitored. As it moves about your facility, the system logs its location, ID code, and time.

Not only will FindIt provide asset location for improved utilization, it will find assets that are due for preventative maintenance or calibration, so equipment can be kept at peak performance. Asset location for financial audits are just as easily accomplished.

**Perceptics**  
INSTANTEL LOCATING TECHNOLOGIES

# FindIt

FindIt is designed as a room, a vehicle or a person. The system is easily installed and should be required.

FindIt is removed without sounding an alarm. The system is programmed, and an alarm if the asset moves, is triggered with. Because the system communicates periodically, the disappearance for any time is not a problem.

FindIt is an industry standard for third party applications. The system can be queried for historical data and for statistical analysis and reporting.

The batteries can last from one year up to several years, depending on use and configuration. The FindIt system automatically sends out a low battery warning in plenty of time for a scheduled replacement. Batteries are easily replaced in the field and are readily available.

FindIt is part of Perceptis™, an asset and personnel security management system from Instantel®. The Perceptis system can be used for either the management and security of assets or people, or both.

Use the assets you've got with the FindIt system from Instantel. Now you *can* do more with less.

Perceptis

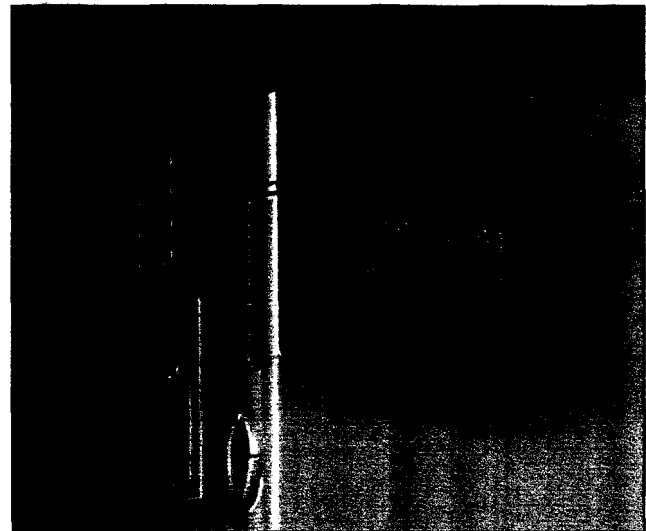
MANAGEMENT

SECURITY

ASSET FindIt

PERSONAL MyCall

ASSET FindIt



## Product Warranty

Perceptis and FindIt all come with a one year no nonsense 100% parts and labor warranty with the sole exception of batteries. Third party commercial components such as personal computers and associated software, are supplied with their manufacturers' respective warranties.

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## About Instantel

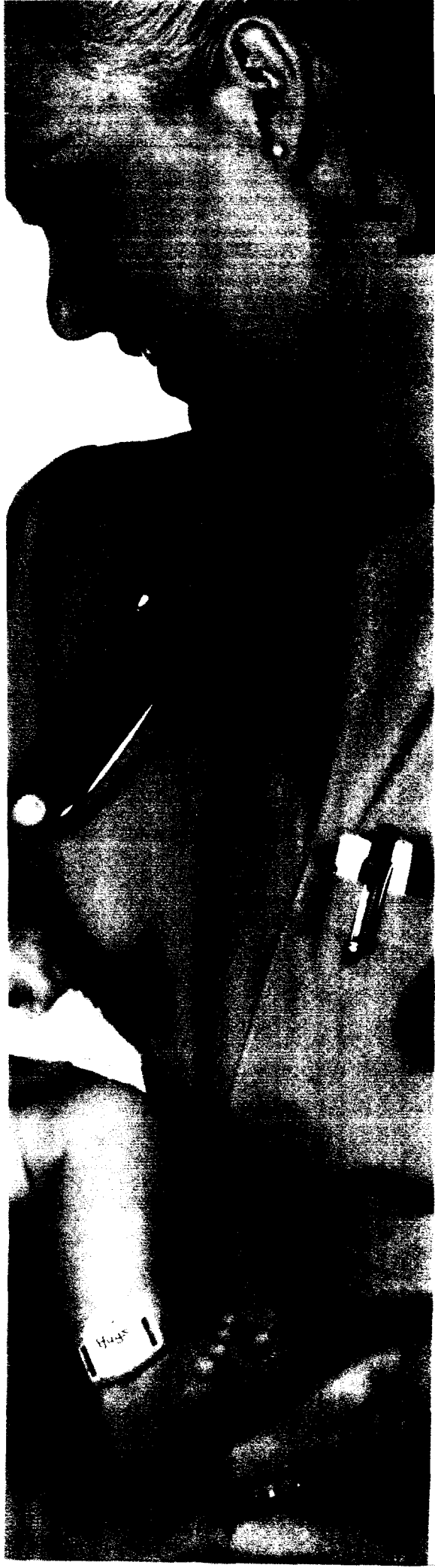
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# Instantel®

On The Practical Edge Of Technology



# Hugs

## You Can Never Give A Child Too Many Hugs

### THE "HUGS" INFANT PROTECTION SYSTEM FROM INSTANTEL

Infant protection systems must provide an effective deterrent against the abduction of infants. But to be effective the system must also be reliable, to give your staff the confidence to depend on it every day.

Hugs is unique among infant protection systems in that it minimizes the administrative burden needed to provide an effective abduction deterrent. It provides a number of important features such as auto-enrolment and automatic alarms that do not require staff involvement. Functions that do require staff involvement and password authorizations, such as the signing in and out of infants, are implemented in an easy to use fashion. The system can be configured to operate in a number of ways that will readily support a facility's existing security policy, rather than dictate it.

**Instante!**



# Caring Begins With Security

## Security Begins With Hugs™

Hugs is economical to install and easy to operate. The system combines tamper-proof infant tags with Hugs receivers that define the safe areas. Exit doors from the safe areas are equipped with monitors. A computer console displays a floor plan of the safe area with all exits marked.

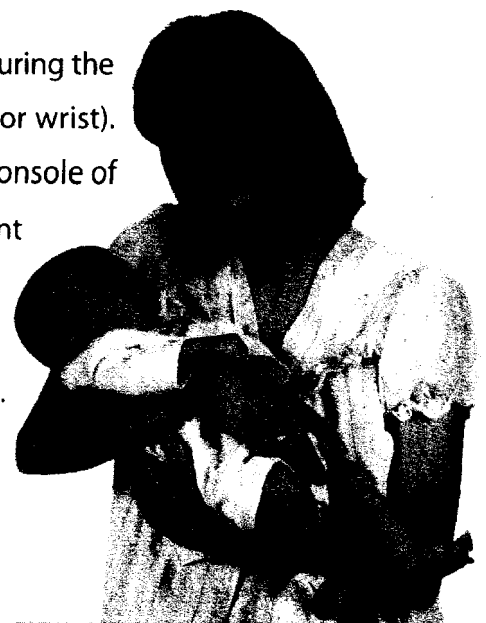


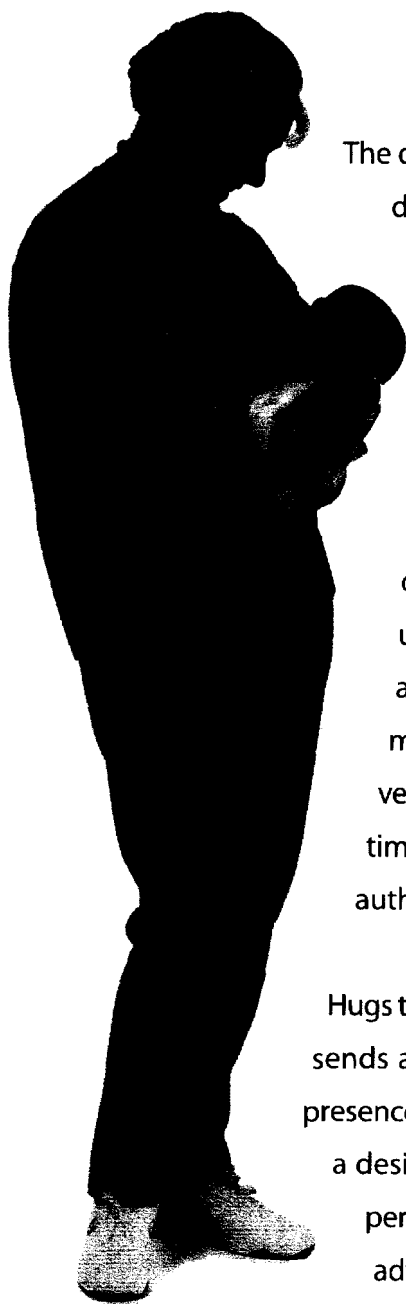
*Small and compact, Hugs tags weigh 1/3 of an ounce and are ergonomically designed to fit the smallest of infants comfortably and securely. Tag shown at actual size.*

Each Hugs tag is automatically activated by securing the tamper-proof strap around an infant's ankle (or wrist).

Staff is immediately alerted at the computer console of the newly activated tag, and can enter pertinent information such as names and medical conditions. Infants may be moved freely throughout the protected area without generating an alarm.

If an infant with a Hugs tag is brought near an open door an alarm is generated.





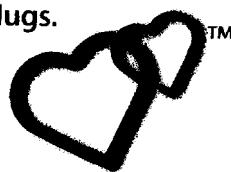
The display console will show the identification of the infant and the exit door on a map of the facility. Alternatively, doors may even be outfitted with magnetic locks that are automatically activated. If an abduction has occurred and the infant has left the safe area, Hugs can be configured to monitor the progress and direction of the abduction in the hospital.

Password authorization is needed to move infants out of the protected area. These passwords can be unique to each staff member. If the infant is not readmitted to the protected area within a predetermined time limit, an alarm will sound. Staff simply verifies the return of the infant to deactivate the alarm time-out. One password must be used for each infant authorized to leave, so piggybacking is prevented.

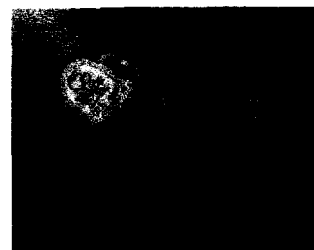
Hugs tags are individually supervised. Each tag periodically sends a status signal to the main console to confirm its presence and functionality. If a signal is not received within a designated period, an alarm will be generated. Hugs performs automatic self-checks on all components and advises staff of any problem.

Response to alarms, tag enrolment and sign-out are all under password control. All system transactions are time and date stamped and logged to the database for archiving and/or printing. Hugs can activate other security systems such as alpha numeric pagers, and cameras or interface to public address systems and elevators. The system will not interfere with other electronic equipment, nor will any other equipment affect it.

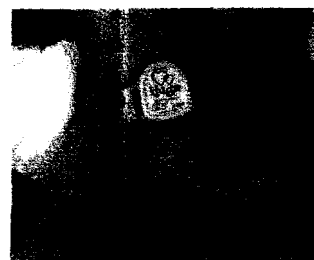
If the protection of infants is important enough to consider an infant protection system, it's important enough to choose Hugs.  
For peace of mind, a little Hug goes a long way.



The strap is easily "snugged up" to accommodate any weight loss.



Each tag has a unique code to ensure easy identification of every infant.



Extremely durable, Hugs tags are waterproof and easily cleaned.

**Instantel**<sup>®</sup>



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## PRODUCT WARRANTY

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